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## PERIODICALS

The REVIEW is indebted to Robert F. Foerster for abstracts of articles in Italian periodicals, and to R. S. Saby for abstracts of articles in Danish and Swedish periodicals.

### Theory

(Abstracts by W. M. Adriance and A. N. Young)

CHAPIN, F. S. *The experimental method and sociology.* Sci. Mo., Feb., 1917. Pp. 12.

The first of a series. The present article deals with the utopian community experiments at New Harmony, Brook Farm, etc.

CLARK, J. M. *Business acceleration and the law of demand: a technical factor in economic cycles.* Journ. Pol. Econ., Mar., 1917. Pp. 19.

A study of the way in which variations in the demand for finished product are reflected back to (more extreme and sudden) variations in demand for "equipment" or "means of production." In the mechanics of this latter demand Professor Clark finds a significant part of the explanation of crises.

ELLWOOD, C. A. *Objectivism in sociology.* Am. Journ. Sociol., Nov., 1916. Pp. 16.

A criticism of the objectivist position that "the scientist has no right to explain human phenomena by, or take refuge in, the mind." This is not accepted by Professor Ellwood, who holds that "to describe social processes partly in objective and partly in subjective terms, is exactly the procedure which we must adopt."

FISHER, I. *The rate of interest after the war.* Ann. Am. Acad., Nov., 1916. Pp. 8.

Will tend to rise, both in Europe and in the United States.

FITE, W. *Moral valuations and economic laws.* Journ. Philosophy, Psychology & Scientific Methods, Jan. 4, 1917. Pp. 23.

The inaugural lecture of Professor Fite as professor of ethics at Princeton University. Emphasis is placed upon personal, moral, and social factors in our economic life, as contrasted with the alleged domination of entirely impersonal economic "laws."

JEVONS, H. S. *The relation of economic science to social progress.* Indian Journ. Econ., Apr., 1916. Pp. 38.

The substance of a lecture delivered at the central Hindu College, Benares. An application of economic reasoning to Indian problems.

MITCHELL, W. C. *Wieser's theory of social economics.* Pol. Sci. Quart., Mar., 1917. Pp. 32.

A review of Wieser's *Theorie der Gesellschaftlicher Wirtschaft*, published in 1914. The first review of this book available for English readers. Professor Mitchell says that the book "sums up, systematizes and extends the doctrines previously worked out by the author, his master and his fellow disciples," and that "in the literature of the Austrian School it merits the place held by Mill's *Political Economy* in the literature of the Classical School."

PIGOU, A. C. *Interest after the war and the export of capital.* Econ. Journ., Dec., 1916. Pp. 12.

Interest rates may be expected to be somewhat higher even if export of capital is restricted or prohibited. If export is left free, rates are likely to be much higher.

PUCCINI, R. *L'etica religiosa e l'economia sociale.* Riv. Intern., Nov., 1916. Pp. 19.

VINER, J. *Some problems of logical method in political economy.* Journ. Pol. Econ., Mar., 1917. Pp. 25.

Advocates the joint use of induction and deduction in economic reasoning.

*Problems of economic instruction.* *Papers read at the eleventh conference of the Western Economic Society, held at the University of Chicago, November 10 and 11, 1916.* Journ. Pol. Econ., Jan., 1917.

Includes the following articles: "Courses in economics and methods of instruction at Northwestern University" (pp. 10), by F. S. Deibler, which gives special attention to the work in commerce, and to the seminar method of developing the research spirit on the part of selected seniors; "The place of economic theory in graduate work" (pp. 9), by J. A. Field, which asserts that economic theory should not be a thing apart from other economic studies but should mean "the organization of scientific knowledge" and not "the impalpable substance of abstruse reflection"; "Graduate work in economics" (pp. 7), by W. F. Gephart, which claims that training in organization of material and in generalization is more important than mere fact gathering; "The relation of law and economics" (pp. 11), by E. A. Gilmore, which shows that, because the sciences of law and economics are so intimately related, students of economics should have broader training in the basic subjects of law; "The Amherst program in economics" (pp. 13), by W. H. Hamilton, which is a broad discussion, in outline form, of the program in economics in its relation to the college curriculum as a whole; "The relation of engineering to economics" (pp. 5), by J. F. Hayford, which states that a general course in economics, not specially adapted, broadens the field of outlook of the engineering student; "Economics and the science of business" (pp. 5), by E. D. Howard, which maintains that theoretical economics is not the basic science of business; "Graduate work in preparation for teaching" (pp. 7), by F. L. McVey, the theme of which is that less attention be given to mere descriptive material and more to history, contact with practical problems, and "the essential groundwork of theory"; "A balanced curriculum in business education" (pp. 22), by Leon C. Marshall, which presents the belief that the elementary courses in economics should be followed by a series of "functional immediate courses," then by advanced courses, business administration being stressed throughout. "Business training—if the economist chooses frankly to coöperate with it—can give to the economist the community respect he desires."

## Economic History, United States

(Abstracts by E. L. Bogart)

ALDRICH, O. W. *Slavery or involuntary servitude in Illinois prior to and after its admission as a state.* Journ. of Ill. State Hist. Soc., July, 1916. Pp. 17.

A discussion primarily of the constitutional and legal provisions concerning slavery.

BAKER, H. E. *The negro in the field of invention.* Journ. Negro Hist., Jan., 1917. Pp. 17.

An interesting account of the contributions made by negroes to inventions, by an assistant examiner in the United States patent office.

BARBA, P. A. *The General Swiss Colonization Society.* German-American Annals, Dec., 1916.

The society was organized in Cincinnati in 1857 and purchased 4000 acres of land in Indiana, where it laid out Tell City.

BRADLEE, F. B. C. *The Eastern Railroad: an historical account of early railroading in eastern New England.* Essex Inst. Hist. Coll., Jan., 1917.

A continuation of an interesting and valuable study.

CARROLL, M. P. *The influence of missions on present-day California.* Univ. Calif. Chronicle, Oct., 1916.

CLARK, D. E. *Recent liquor legislation in Iowa.* Iowa Journ. Hist. & Pol., Jan., 1917. Pp. 29.

A short historical account of temperance legislation since 1850, but with special emphasis on the period since 1909.

COONC, E. A. *Reminiscences of a pioneer woman.* Wash. Hist. Quart., Jan., 1917. Pp. 9.

Covers the period from 1847 to about 1884.

COTTERILL, R. S. *Southern railroads and western trade, 1840-1850.* Miss. Valley Hist. Rev., Dec., 1916.

An account of the unsuccessful efforts of the South to divert the growing western trade from the North Atlantic ports.

COULTER, E. M. *Effects of secession upon the commerce of the Mississippi Valley.* Miss. Valley Hist. Rev., Dec., 1916.

DEWAURIN, M. *Les Etats-Unis d'Amérique et le conflit européen: le mouvement économique.* Rev. Pol., Oct. 15, 1916. Pp. 28.

An account of the industrial, commercial, and financial developments in the United States during the years 1914-1916.

DODD, W. E. *The social and economic background of Woodrow Wilson.* Journ. Pol. Econ., Mar., 1917. Pp. 25.

The combination of the West and South which elected Wilson simply repeats a century old protest against favors to special interests.

DODD, J. *The African slave trade.* Journ. Negro Hist., Jan., 1917. Pp. 20.

A brief account of the slave trade from the beginning of the eighteenth century to the present day.

FOLSON, J. F. *The beginnings of the Morris and Essex Railroad.* Pro. of N. J. Hist. Soc., Apr., 1917.

FOSTER, H. M. *Memories of the national road.* Ind. Mag. of Hist., Mar., 1917. Pp. 8.

An account of the road in Indiana from 1827 to 1847.

FREEMAN, J. E. *A century of sugar refining in the United States.* Autumn Leaves, Nov., 1916.

HANSEN, F. *The great handcart train from Iowa City to Salt Lake City.* Journ. of Hist., Oct., 1916.

HEBARD, G. R. *The first white women in Wyoming.* Wash. Hist. Quart., Jan., 1917. Pp. 4.

They were the wives of missionaries who went out there in 1836.

HENDERSON, R. *Richard Henderson: the authorship of the Cumberland compact and the founding of Nashville.* Tenn. Hist. Mag., June, 1916.

HIGGINS, F. *The wilderness road.* Ind. Mag. of Hist., Mar., 1917. Pp. 5.

A slight sketch.

HOBBS, F. W. *Textiles—the backbone of New England.* Bull. Nat. Assoc. Wool Mfrs., Jan., 1917. Pp. 26.

A popular address.

HOLMER, C. N. *The gold fever of '48 and '49.* Mag. of Hist., Sept.-Oct., 1916. Pp. 14.

Consists chiefly of biographical notes about prominent men concerned in the gold discoveries.

LAYTON, J. E. *Sources of population in Indiana, 1816-1850.* Bull. of Ind. State Library, Sept., 1916.

LENIHART, J. *The Capuchins in Acadia and northern Maine (1632-1655).* Rec. of Am. Catholic Hist. Soc., Mar., 1917. Pp. 18.

Concluding instalment.

LITTELL, H. *Development of the city school system of Indiana, 1851-1880.* Ind. Mag. of Hist., Dec., 1916.

Concluding instalment.

LONGMIRE, D. *First immigrants to cross the Cascades.* Wash. Hist. Quart., Jan., 1917. Pp. 8.

Account of an expedition made in 1853.

MARSHALL, T. M. *Commercial aspects of the Texas Santa Fé trade.* S. Hist. Quart., Jan., 1917. Pp. 19.

Deals with the early forties.

NOYES, A. D. *United States, a financial power after the war.* Scribner, Dec., 1916.

A thoughtful statement of the effects of the European war upon the financial status of the United States.

OLNEY, W., JR. *The Western Pacific Railroad.* Univ. Calif. Chronicle, Oct., 1916.

SMITH, J. E. *A pioneer of Spokane county.* Wash. Hist. Quart., Oct., 1916.  
Reminiscences by the author.

TAYLOR, R. G. *Industrial history in the standard high school course.* Hist. Teachers' Mag., Nov., 1916.

THOMPSON, W. M. *When Washington toured New England, 1789.* Mag. of Hist., Sept.-Oct., 1916. Pp. 11.

The purpose of this tour, according to Washington, was "to acquire knowledge of the face of the country, the growth and agriculture thereof—and the temper and disposition of the inhabitants towards the new government."

*Reminiscences of John Davidson, a Maine pioneer.* N. E. Hist. & Geneol. Register, July, 1916.

### Economic History, Foreign

(Abstracts by Clive Day)

ABBOTT, E. *Charles Booth, 1840-1916.* Journ. Pol. Econ., Feb., 1916. Pp. 6.

CLAPHAM, J. H. *The Spitalfields acts, 1773-1824.* Econ. Journ., Dec., 1916. Pp. 12.

Organization and regulation of the silk manufacture.

COLANÉRI, A. *La situation industrielle et sociale en Angleterre.* Rev. Sci. Pol., Dec., 1916. Pp. 15.

Summary of a recent study of the Garton Foundation.

DORLAND, A. G. *The royal disallowance in Massachusetts.* Bull. Depts. Hist. & Pol. Sci., Queen's Univ., Jan., 1917. Pp. 33.

An essay in constitutional history with some economic bearings.

HUNTINGTON, E. *Climatic change and agricultural exhaustion as elements in the fall of Rome.* Quart. Journ. Econ., Feb., 1917. Pp. 35.

An interesting and able contribution, suggestive rather than conclusive.

McROBERTS, S. *Russia and the United States.* Econ. Wld., Jan. 27, 1917. Pp. 4.

NARODNY, I. *Russian markets offer a great opportunity for American foreign trade.* Journ. Am. Bankers Assoc., Mar., 1917. Pp. 4.

NARODNY, I. *Russian economic and financial conditions under the new régime.* Journ. Am. Bankers Assoc., Apr., 1917. Pp. 4.

DE NOUVION, G. *La Japon. Sa situation financière et économique (1915-1916).* Journ. des Econ., Feb. 15, 1917. Pp. 4.

PRICE, L. L. *The economics of the war and its sequel.* Econ. Journ., Dec., 1916. Pp. 15.

A review of various contributions.

RAFFALOVICH, A. *Les relations économiques et financières avec la Russie.* L'Econ. Franç., Jan. 6, 13, 1917. Pp. 2, 2.

RAFFALOVICH, A. *Revue du marché financier en 1916.* Journ. des Econ., Jan., 1917. Pp. 18.

SCHLESINGER, A. M. *The uprising against the East India Company.* Pol. Sci. Quart., Mar., 1917. Pp. 19.

A paper read at the Cincinnati meeting of the American Historical Association describing the American revolt of 1773.

SCOTT, W. R. *The mystery of the medieval draper.* Econ. Journ., Dec., 1916. Pp. 6.

Review of Johnson's *History of the London Drapers.*

TURRONI, C. B. *Relazioni fra sconto e prezzi durante i cicli economici.* Giorn. d. Econ., Nov., 1916. Pp. 54.

A study of rhythmic changes in cost of production and their bearing upon prices, profits, and the discount rate.

WALLIS, B. C. *Central England during the nineteenth century: the breakdown of industrial isolation.* Geog. Rev., Jan., 1917. Pp. 24.

A study in the distribution of population as influenced by industrial development, with maps and charts.

WRIGHT, A. *The unused capital of the Empire.* Finan. Rev. Rev., Dec., 1916. Pp. 16.

A project for the development of investment by the natives of India. *Mexico: a review and a forecast.* Bull. Pan Am. Union, Jan., 1917. Pp. 17.

*Post-Kaiser economics.* Scottish Bankers Mag., Jan., 1917. Pp. 12.

A review of Kirkaldy's *Labour, Finance and the War.*

### Commerce

AUSTIN, O. P. *The part taken by manufactures in our exportations.* Econ. Wld., Feb. 17, 1917.

BENEDICT, W. *The Pacific mail.* Forum, Nov., 1916.

CUSHING, G. H. *The coal problem emphasized.* Am. Rev. Rev., Feb., 1917.

GIDE, C. *The commercial policy of France after the war.* Econ. Journ., Dec., 1916.

GOEMANN, W. P. *Coöperative selling vs. the middleman in the upbuilding of our foreign commerce.* Econ. Wld., Apr. 21, 1917. Pp. 5.

HERNDON, J. C. *South Carolina's bureau of marketing.* Mo. Rev. U. S. Bur. Lab. Stat., Jan., 1917.

MATTHEWS, J. *Credit conditions in South American countries.* Journ. Account., Dec., 1916.

TRUEMAN, C. D. *The Great Lakes, their commerce and equipment.* Commerce, Jan., 1917.

WELD, L. D. H. *Marketing functions and mercantile organizations.* Am. Econ. Rev., June, 1917. Pp. 12.

*Importance of South American trade.* Bull. Pan Am. Union, Dec., 1916.

*Report of the National Foreign Trade Council on coöperation in foreign trade.* Econ. Wld., Jan. 27, 1917.

*Some foreign buyers criticise American sellers.* Greater N. Y., Mar. 5, 1917.

*World shipping conditions and the American merchant marine.* Econ. Wld., Feb. 10, 1917.

### Public Utilities

(Abstracts by Ralph E. Heilman)

BAUER, J. *Brooklyn Edison case decided.* Am. Econ. Rev., June, 1917. Pp. 2.

BLOOM, W. H., JR. *Some problems in the operation of public utilities.* Stone & Webster Journ., Mar., 1914.

Considers how far scientific management is applicable to the operation of public utilities.

BRYAN, F. A. *Finance and economics in the engineering profession.* Pub. Service, Mar., 1917.

Mere cost of reproduction is inadequate, and existing methods of computing depreciation are erroneous.

ELLIS, N. R. *The San Francisco water rate cases.* Utilities Mag., Jan., 1917.

Description of the valuation for rate purposes of the Spring Valley Water Company system. The magnitude of the questions involved, methods of conducting the case, the allowance made for real estate, structural values, water rights, rights of way, and going concern value.

GALLOWAY, J. D. *Is utility regulation on the right basis?* Engg. Rec., Nov. 4, 1916.

Urges that competition is needed, rather than protected monopoly.

GRAY, J. H. *How does industrial valuation differ from public utility valuation?* Utilities Mag., Jan., 1917.

Regulation limits profits. This removes public utilities from the realm of value, for value is measured by earning power. Therefore, to attempt to discover value, as a means of fixing rates, is to reason in a circle. The investment constitutes the proper basis for rates.

McFALL, R. J. *The problem of terminal rates.* Utilities Mag., Jan., 1917.

A condemnation of the present system, upon the ground that it artificially stimulates the growth of industrial centers, to the disadvantage of the agricultural sections.

METCALF, L. *Some observations upon public regulation of water works.* Journ. Am. Water Wks. Assoc., Mar., 1917.

Urges the necessity of greater liberty in commission determinations of value, and the establishment of returns which will offer inducement to and compensation for superior management.

WHALING, H. B. *Regulation of public utilities.* Quart. Journ. Univ. N. Dak., Jan., 1917.

A general summary of existing methods of control, with particular reference to existing conditions in North Dakota.

*A. S. C. E. valuation report prepared.* Elec. Ry. Journ., Jan. 13, 1917.

An abstract of the report of the special committee of the American Society of Civil Engineers on the valuation of public utilities.

*Central station growth and rate reductions.* Elec. Wld., Feb. 3, 1917.

Description of the plan of the Union Electric Street Railway and Power Company of St. Louis, which voluntarily offers certain rate reductions when a certain number of customers is obtained. The results accomplished by this plan in a year and a half.

*Chicago traction estimates for 5,000,000 in 1950.* Elec. Ry. Journ., Mar. 10, 1917.

Chicago Traction and Subway Commission states that it is safe to assume Chicago will have a population of 5,000,000 by 1950, and that such a population will produce gross revenue for a unified transportation system of \$104,000,000.

*Fares in annexed districts.* Elec. Ry. Journ., Jan. 13, 1917.

The United States Supreme Court holds that annexation of outlying suburban districts does not involve the extension of the city fare, of an electric railway, when such annexation is subsequent to the agreement between the city and the railway.

*How a commission works.* Elec. Wld., Feb. 3, 1917.

A description of the organization and operation of the departments of statistics, accounts, capitalization, and tariffs of the New York Second District Public Service Commission.

*Municipal electric plant at Columbus, Ohio, a loser.* Pub. Service, Mar., 1917.

Results of a survey of the operation of the municipal plant, conducted by the Bureau of Municipal Research of New York. The report claims there are many defects and shortcomings in the operation of this plant.

#### Railways and Transportation

(Abstracts by Julius H. Parmelee)

ALLIX, G. *Le réseau de l'état en 1915.* Journ. des Trans., Jan. 27, 1917. Pp. 3.

BIGGAR, E. B. *Government ownership v. private ownership of railways in Canada.* Journ. Pol. Econ., Feb., 1917. Pp. 35.

BUELL, D. C. *The man problem on the railroads.* Pro. Ry. Club of Pittsburgh, Jan. 26, 1917. Pp. 16.

BUTLER, P. *Some features of the federal valuation of railroads.* Western Ry. Club Pro., Dec. 18, 1916. Pp. 23.

COTTERILL, R. S. *Southern railroads and western trade, 1840-1850.* Miss. Valley Hist. Rev., Mar., 1917. Pp. 14.

CUNNINGHAM, W. J. *The separation of railroad operating expenses between freight and passenger services.* Quart. Journ. Econ., Feb., 1917. Pp. 32.

Analysis of growth of railway cost accounting in its various phases.

DELANO, F. A. *The railway problem of the United States.* Econ. Wld., Jan. 20, 1917. Pp. 5.

DOW, M. A. *Accident prevention.* Pro. N. Y. R. R. Club, Jan. 19, 1917. Pp. 15.

EMERY, J. A. *Government investigation of railway disputes.* Am. Industries, Feb., 1917. Pp. 3.

ERICKSON, H. *What are fair rates of return?* Elec. Ry. Journ., Mar. 31, 1917. Pp. 2.

Net earnings sufficient to attract necessary capital is the standard set up.

FROELICK, L. D. *Building China's railroads.* Asia, Mar., 1917. Pp. 8. Illustrated.

GRAY, J. H. *How does industrial valuation differ from public utility valuation?* Utilities Mag., Jan., 1917. Pp. 15.

HINES, W. D. *Who, then, shall run our railroads?* Nation's Business, Feb., 1917. Pp. 3.

A plea for adequate federal regulation.

JOHNSON, E. R. *Coöordinating the operation of the railroads with the conduct of a great war.* Econ. Wld., Feb. 17, 1917. Pp. 3.

LANE, F. W. *Our railway and public utilities regulators.* Ry. Age Gaz., Mar. 30, 1917. Pp. 5.

Analysis of membership of railway commissions, state and federal.

McCABE, D. A. *Arbitration awards under the Erdman and Newlands acts.* Am. Econ. Rev., Mar., 1917. Pp. 3.

McFALL, R. J. *The problem of terminal rates.* Utilities Mag., Jan., 1917. Pp. 7.

McMANAMY, F. *The locomotive inspection laws and rules; their purposes and achievements.* Pro. St. Louis Ry. Club, Feb. 9, 1917. Pp. 14.

By the chief locomotive inspector of the Interstate Commerce Commission.

MATHERS, G. S. A. *An Indian trans-Asiatic railroad.* Indian Journ. Econ., Sept., 1916. Pp. 29.

NAY, F. *Railway accounting.* Western Ry. Club Pro., Jan. 15, 1917. Pp. 19. With especial reference to federal accounting requirements.

NELSON, J. P. *Federal valuation of carriers under act of March 1, 1913.* Kentucky Law Journ., Mar., 1917. Pp. 16.

PESCHAUD, M. *Les chemins de fer aux Etats-Unis et les dernières menaces de grève.* Rev. Pol. et Parl., Mar. 10, 1917. Pp. 19.

First article in a series on the trainmen's strike threat of 1916.

PYLE, J. G. *The facts of the Northern securities case.* Wld. Wk., Apr., 1917. Pp. 7.

Additional pages from a life of James J. Hill.

SAKOLSKI, A. M. *The progress of federal valuation.* Am. Econ. Rev., Mar., 1917. Pp. 6.

SELEKMAN, B. M. *Nine years of the Canadian act.* Survey, Mar. 31, 1917. Pp. 9.

Analysis of Canadian industrial disputes investigation act of 1907.

SMITH, M. A. *A rule for testing tax valuations of railroads.* Am. Econ. Rev., Mar., 1917. Pp. 15.

SOMMERFELD, V. *Railway administration in war time.* British Rev., June, 1915. Pp. 14.

THELEN, M. *Federal incorporation of railroads.* Utilities Mag., Mar., 1917. Pp. 11.

THELEN, M. *Railroad grade crossing survey in California.* Ry. Age Gaz., Mar. 2, 1917. Pp. 3.

TYE, W. F. *A proposed consolidation of Canadian railroads.* Ry. Age Gaz., Feb. 23, 1917. Pp. 4.

Advocates consolidation of Grand Trunk, Grand Trunk Pacific, Transcontinental, and Canadian Northern systems.

WOOD, F. J. *The evolution of the railroad.* Stone & Webster Journ., Mar., 1917. Pp. 10.

An historical illustrated sketch.

WOODLOCK, T. F. *The problem for the Newlands committee.* Nation, Mar. 8, 1917. Pp. 3.

*The Adamson law held to be constitutional.* Ry. Age Gaz., Mar. 23, 1917. Pp. 4.

*British railways in 1916.* Statist, Mar. 3, 1917. Pp. 2.

*The eight-hour day settlement.* Ry. Conductor, Apr., 1917. Pp. 5.

Full details of the agreement of March 19, 1917, between the rail-ways and the trainmen's brotherhoods.

*Electric railway statistics.* Elec. Ry. Journ., Mar. 31, 1917. Pp. 3.

Calendar year 1916; revenues increased 6.3 per cent, expenses 6.7 per cent, and net operating revenue 5.8 per cent.

*Extra crew laws in the United States.* Ry. Rev., Mar. 10, 17, 1917. Pp. 3, 3.

Digest of report on subject by New Jersey State Chamber of Com-merce.

*The future of English railways.* Edinburgh Rev., Jan., 1917. Pp. 20.

*Italy's new and better railroad organization.* Ry. Age Gaz., Jan. 12, 1917. Pp. 4.

*The railroad department.* Am. Federationist, Feb., 1917. Pp. 4.

Historical sketch of the railroad employees' department of the American Federation of Labor.

*Railways at the service of the government.* Ry. Age Gaz., Apr. 13, 1917. Pp. 4.

Creation of a central executive committee of five railway executives, to operate the railways as a unit during the war.

*Les chemins de fer dans la conduite et la poursuite de la guerre.* La Nature, Sept. 2, 1916. Pp. 6.

Deals with French conditions. Illustrated.

## Accounting

(Abstracts by Martin J. Shugrue)

ALLEN, L. H. *Cost accounting for the contractor*. Journ. Account., Mar., 1917. Pp. 8.

Outlines five essential features of a cost system for a contractor.

BARKER, H. *Side lights on depreciation problems of utilities*. Engg. News, Dec. 21, 28, 1916. Pp. 1, 3.

Review of methods for computing annual depreciation. First of a series.

BATCHELDER, F. J. *Procedure in valuation of Chicago elevated*. Elec. Ry. Journ., Mar. 3, 1917. Pp. 3.

Describes general plan followed by Chicago Traction and Subway Commission in laying basis for unification. Interesting details for various official accounts.

BATES, H. *Maintaining a continuous property inventory*. Elec. Ry. Journ., Jan. 20, 1917. Pp. 2.

Such a system makes value figures readily available for various uses. Substitutes facts for guesswork in figuring operating costs.

BREWER, A. F. *Principles of "straight line" depreciation*. Indus. Management, Apr., 1917. Pp. 2.

How to compute the depreciation of a property on the "straight line" system.

COWAN, J. D. *Reserves*. Journ. Account., Feb., 1917. Pp. 8.

Significance of the term "reserve" in accounting. Fundamental principles and problems involved in its use.

CRAM, R. C. *Analysis of track maintenance costs*. Elec. Ry. Journ., Mar. 17, 1917. Pp. 5.

Data and deductions from ten years' records of maintenance costs on nearly a hundred miles of surface track in Brooklyn, N. Y.

FITZPATRICK, E. A. *Training for public service, with special reference to training of accountants*. Pro. Nat. Assoc. Comptrollers & Account. Officers, 1916. Pp. 8.

FOREMAN, A. E. *Keeping cost data on municipal work carried out by day labor*. Canadian Engr., Dec. 14, 1916.

Benefits resulting from the system.

GREENWOOD, G. W. *Proving the payroll*. Indus. Management, Apr., 1917. Pp. 2.

A short-cut method for facilitating detecting of errors.

HARNED, F. M. *Functional and unit cost accounting for municipalities and its application by the City of New York*. Pro. Nat. Assoc. Comptrollers & Account. Officers, 1916. Pp. 5.

KERZIE, F. L. *An actual problem in serial bonds*. Journ. Account., Feb., 1917. Pp. 10.

Recently it became necessary in a large Pacific Coast city to de-

termine through protracted litigation the effective rate of interest as a whole on serial bonds issued by the city.

LAWTON, W. H. *Treatment of unissued stock and bonds.* Journ. Account., Apr., 1917. Pp. 12.

Maintains that unissued stock and bonds should not appear at all in capital stock and bonds payable accounts.

MCKAY, C. W. *Appraisal of manufacturing plants.* Indus. Management, Feb., 1917. Pp. 7.

Two of the methods developed in the appraisement of public utilities have suggested a standard method of appraising industrial plants.

MANN, O. A. *Depreciation and depreciation reserves.* Journ. Account., Feb., 1917. Pp. 7.

Special reference to distinction between "reserve for accrued depreciation" and "reserve for contingent depreciation" in case of public utilities.

MORSE, J. G. *Accurate appraisals by short methods.* Nat. Fire Protection Assoc. Quart., Jan., 1917. Pp. 11.

Paper read before the American Society of Mechanical Engineers.

MUCKLOW, W. *Measuring financial efficiency of institutions.* Journ. Account., Feb., 1917. Pp. 18.

The operating expenses of institutions may be divided into two classes, constant expenses and variable expenses. From this point of view it is possible to make the accounts show an adequate measure of financial efficiency. Illustrated with charts.

PIEZ, C. *The relation between perpetual-inventory value and appraisal value.* A. S. M. E. Journ., Dec., 1916.

Their value in determining cost of product and other factors.

ROSS, T. E. *Annuity funds of religious and charitable organizations.* Journ. Account., Apr., 1917. Pp. 5.

Two methods of accounting for annuity funds explained.

SACK, I. *New York's new uniform system of accounts for third class cities.* Journ. Account., Apr., 1917. Pp. 19.

Explains some of the technical features of the uniform system of accounts recently formulated by the comptroller of the state of New York for third class cities.

SALIERS, E. A. *Accounting and investments.* Journ. Account., Mar., 1917. Pp. 10.

Why security of investment is so virtually connected with satisfactory accounting control.

SAMPSON, E. T. *Municipal accounting.* Canadian Munic. Journ., Mar., 1917. Pp. 2.

Considers some important points in municipal finance and accounting. Continued in subsequent numbers.

SHARER, W. P. *Essentials of credit statements and analysis of credits and balances.* Journ. Am. Bankers Assoc., Apr., 1917. Pp. 4.

What bankers must look for in passing on applications for loans. Address before Cincinnati Chapter, American Institute of Banking.

SPIES, O. A. *Present worth of future coupon*. Journ. Account., Mar., 1917. Pp. 6.

Simplified formula for determining the sum of the present value of the future coupon payments.

WADDELL, T. C. *Uniform municipal accounting*. Nat. Tax Assoc. Bull., Dec., 1916. Pp. 3.

WISHART, J. G. *Making and filing valuation maps*. Engg. Rec., Feb. 17, 1917.

First article of a series. Useful suggestions based upon experience of past three years.

YUNGBLUTH, B. J. *Regulating materials and supplies*. Elec. Ry. Journ., Mar. 17, 1917. Pp. 3.

Plan is based on "stock-book" record and monthly count of stock on hand, with data as to orders and receipts.

*Commission may not determine final valuation*. Ry. Age Gaz., Feb. 2, 1916.

Interstate Commerce Commission does not now intend to prepare final valuation figures, but will only compile data which will aid in determining such valuations at some later date.

*Report of the special committee to formulate principles and methods for the valuation of railroad property and other public utilities*. Pro. Am. Soc. Civil Engrs., Dec., 1916.

*Report of the Toledo commission of publicity and efficiency on status of accounting system*. Toledo City Journ., Jan. 20, 1917. Pp. 4.

*Standard depreciation rates for factory buildings and equipment*. Eng. & Contracting, Jan. 24, 1917. Pp. 77.

Serious weakness in present system.

*The two opposing railroad valuations*. Unpopular Rev., Jan.-Mar., 1917. Pp. 14.

A general review of the practical significance of the federal valuation. Cost will probably exceed sixty million dollars.

*A unique report on Missouri, Kansas and Texas*. Ry. Age Gaz., Feb. 16, 1917.

A study of the value of each mortgage line as an independent road and as a part of the whole system.

### Investments

(Abstracts by Arthur S. Dewing)

BABCOCK, A. L. *Trend of interest rates*. Moody's Mag., Jan., 1917.

Points out pros and cons but fails to generalize sufficiently to make discussion of value.

CHAPMAN, R. M. *Serial bonds vs. sinking fund bonds for municipal financing*. Econ. Wld., Mar. 17, 1917.

Points to advantages of serial bonds for well-known reasons.

CLAY, P. *American telephone collateral fixes and how to read the market*. Moody's Mag., Jan., 1917.

Although these bonds, together with other telephone securities show substantial strength, the company's earnings show increasing ratio of expenses. To the economist the statistics given of the telephone industry are a remarkably clear illustration of the law of diminishing returns.

CLAY, P. *Montana power first fives.* Moody's Mag., Feb., 1917.

Superficial analysis of a so-called public utility and dependent on the mining industry.

HIGGINSON, H. L. *Need of fortifying this country's financial position by foreign investments.* Econ. Wld., Feb. 10, 1917.

Forceful letter emphasizing need of holding foreign investments as readily liquidable assets.

HOWELL, J. F. *Status of equipment stocks.* Moody's Mag., Mar., 1917.

Price changes in the stocks of companies manufacturing railway equipment.

LAWTON, W. H. *Treatment of unissued stock and bonds.* Journ. Account., Apr., 1917.

A keen comprehensive solution of a perplexing accounting problem of modern corporation finance.

RAFFALOVICH, A. *Les cours des principales valeurs aux bourses allemandes.* L'Econ. Franç., Jan. 27, 1917.

The statistics here outlined would indicate far less change in values than one would suppose—either inflation or depression. This applies to industrials and shipping shares as well as banks. The influences of currency inflation and government interference with prices are not gauged to the extent of making the conclusions of the writer altogether reliable.

SALIERS, E. A. *Accounting and investments.* Journ. Account., Mar., 1917.

Points out necessity of sound accounting methods as safeguards to investments.

SCHMIDT, L. W. *Buying foreign exchange at the bargain counter.* Moody's Mag., Jan., 1917.

Suggests speculation in German and Austrian exchange by buying the present internal war loans of these countries.

SPRAGUE, O. M. W. *Interest rates after the European war.* Econ. Wld., Feb. 10, 1917.

Does not hazard a definite opinion, pointing out contrary influence tending to reduce and to increase interest rates.

WOLFE, S. H. *A suggestion for a modified form of amortization with a brief memorandum of the applicability of that principle to the bonds of miscellaneous companies.* Pro. Casualty, Actuarial & Stat. Soc. of Am., Oct. 27, 1916.

Points out, as every student of finance knows, that present theory of amortization is of theoretic value, never accurate in practice. Suggests using an "annuity certain" the rate of which accords with an "average" of interest returns on normal investment through a period of years.

*The chafing of small municipalities at the legal scrutiny of their bond issues.*  
Econ. Wld., Feb. 10, 1917.

Points to confusion arising in municipal bids if provision for scrutinizing legality is omitted.

*Interpretation of U. S. Supreme Court decision upholding blue sky laws.*  
I. B. S. of A. Bull., Feb. 15, 1917.

Tries to offer comfort to investment bankers, without much success.  
*Investment of trust funds in participating mortgages.* Banking Law Journ., Feb., 1917.

New York court of appeals upholds practice of investing funds belonging to different trust estates in single mortgage, taken in name of trustees.

*Missouri, Kansas and Texas.* Ry. Age Gaz., Jan. 12, 1917.

Summarizes the present financial status of the road.

*Preliminary steps in the reorganization of the Missouri, Kansas and Texas.*  
Ry. Age Gaz., Feb. 16, 1917.

Reference to the Coverdale and Colpitts report on this road. This report, preliminary to reorganization emphasizes earning power as the fundamental basis of value. This attitude is epochal in engineers' reports.

### Corporations and Trusts

(Abstracts by Arthur S. Dewing)

DAVIS, J. S. *Charters for American business corporations in the eighteenth century.* Quart. Pubs. Am. Stat. Assoc., Dec., 1916.

Very interesting condensed account of business charters between 1780 and 1800. Of the 335 examined, 130 were Massachusetts highway companies.

MOODY, W. F. *Central Leather Company.* Moody's Mag., Mar., 1917.

Brief statement of extraordinary earnings of this company.

TOSDAL, H. R. *The German steel syndicate.* Quart. Journ. Econ., Feb., 1917.

Exhaustive and careful review. Most interesting parts deal with effect of the kartel on the organizations of related factors,—competitors, dealers, buyers. Valuable to us is now the section dealing with the foreign trade policy.

*A drastic reorganization.* Ry. Age Gaz., Jan., 1917. P. 1.

A brief succinct statement of the Pere Marquette reorganization.

### Labor and Labor Organizations

(Abstracts by George E. Barnett)

CLARK, L. D. *State regulation of employment on public work.* Mo. Rev. Bur. Labor Stat., Mar., 1917. Pp. 12.

COMMONS, J. R. *Eight-hour shifts by federal legislation.* Am. Labor Legis. Rev., Mar., 1917. Pp. 16.

The proposed legislation follows the lines of the federal child labor law.

DICKSON, W. B. *Eight-hour day and six-day week in the continuous industries.* Am. Labor Legis. Rev., Mar., 1917. Pp. 12.

Favors strongly the proposal, but emphasizes the practical difficulties.

FARNHAM, D. T. *Some experiences with profit sharing.* Indus. Management, March, 1917.

FITCH, J. A. *One day of rest in seven by state and federal legislation.* Am. Labor Legis. Rev., Mar., 1917. Pp. 9.

Discusses the attitude of the employers in the steel industry.

HAMILTON, A. *Industrial poisons used in the making of explosives.* Mo. Rev. U. S. Bureau Labor Stat., Feb., 1917. Pp. 22.

HICHENS, W. L. *Education and business.* Engr., Jan. 19, 1917.

Preparation needed by English youths for engineering.

HULL, H. and PARKINSON, T. I. *The federal child-labor law. The question of its constitutionality. Another view of its constitutionality.* Pol. Sci. Quart., Dec., 1916. Pp. 22.

HUMPHREY, A. W. *The British labor movement and the war.* Pol. Sci. Quart., Mar., 1917. Pp. 26.

Comprehensive historical account.

JONES, F. W. *Real wages in recent years.* Am. Econ. Rev., June, 1917. Pp. 19.

KELLY, R. W. *Hiring the worker.* Indus. Management, Feb., 1917. Pp. 6.

The reasons for the organization of employment departments and the duties of such departments.

LEPPINGTON, C. H. d'E. *The demand for labour as shown by rates of wages offered by employers.* Econ. Journ., Dec., 1916. Pp. 5.

A study based on advertisements for employees appearing in the London newspapers from June to September, 1916.

P. DE M. *Nouvelle législation espagnole sur les syndicats industriels.* Journ. des Econ., Jan., 1917. Pp. 6.

The new law makes provision for incorporating coöperative undertakings.

ROBBINS, E. C. *The trainmen's eight-hour day.* Pol. Sci. Quart., Dec., 1916. Pp. 17.

The history of the movement through the June conference.

STOCKTON, F. T. *The moulders' union and the allied metal trade.* Journ. Pol. Econ., Feb., 1917. Pp. 12.

Explains the attitude of the moulders toward joint strikes.

TUCKER, H. *Federal and state regulation of child labor.* S. Atlantic Quart., Jan., 1917. Pp. 5.

The present North Carolina child labor law in its relation to the federal act.

WILCOX, D. F. *Public regulations of wages, hours and conditions of labor of employes of public service corporations.* Nat. Munic. Rev., Jan., 1917. Pp. 10.

A report by the committee on franchises of the National Municipal League. Favors the use of franchise provisions to establish standard conditions of employment.

*Compulsory arbitration in munitions industry in France.* Mo. Rev. Bur. Labor Stat., Mar., 1917. Pp. 5.

Text of official decree.

*Cost of living and the minimum wage in New South Wales.* Mo. Rev. U. S. Bureau Labor Stat., Feb., 1917. Pp. 4.

Some recent decisions as to how far the increase in living expenses due to war conditions should be allowed for in the minimum rate.

*Effect of the minimum wage in retail stores in Massachusetts.* Mo. Rev. U. S. Bureau Labor Stat., Feb., 1917. Pp. 6.

Discusses effect on wages, on reduction of working force, and on displacement of regulars by substitutes.

*Industrial conciliation and antistrike legislation relating to public utilities in various countries.* Mo. Rev. U. S. Bur. Lab. Stat., Jan., 1917. Pp. 9.

Brief summaries of the laws of various countries.

*International relations of labor during the war.* Mo. Rev. U. S. Bureau Labor Stat., Feb., 1917. Pp. 7.

The schism in the International Federation of Labor Unions and the proposed congress of labor at the end of the war.

*New agreement in the dress and waist industry, New York City.* Mo. Rev. Bur. Labor Stat., Mar., 1917. Pp. 3.

*The present labor situation.* Ann. Am. Acad., Jan., 1917. Pp. 274.

Articles dealing with various aspects of the labor problem, but chiefly centering around methods of settling conditions of employment in public utilities.

*Training apprentices.* Machinery, Feb., 1917.

The Pratt and Whitney system.

*Work of state and municipal employment offices in the United States, and of provincial employment bureaus in Canada.* Mo. Rev. U. S. Bureau Labor Stat., Feb., Mar., 1917. Pp. 8, 9.

Statistics of applications and positions filled.

*Work of the board of trade employment exchanges in 1916.* Board of Trade Labor Gaz. (London), Feb., 1917. Pp. 2.

The striking feature of the registrations was the great increase in the number of women and boys and the decrease in the number of men.

### Money, Credit, and Banking

(Abstracts by Chester A. Phillips)

ALLEN, S. P. *Acceptances—a cure for credit complaints.* Nation's Business, Mar., 1917. Pp. 2.

The advantages of trade acceptances to buyers and sellers.

AVENOL, J. *Les banques algériennes et la Banque de l'Algérie*. Rev. Sci. Pol., Dec., 1916. Pp. 25.

The great development of Algerian trade as compared with that of Morocco is attributed to the superior banking facilities of Algeria. Suggests improvements in the banking system of Morocco.

BRADY, J. E. *Legal banking forms*. Banking Law Journ., Jan., 1917. Pp. 6. The essentials of negotiability in promissory notes.

DAVIDSON, J. M. *German trade expansion: its methods and its tendencies*. Journ. Inst. Bankers, Feb., 1917. Pp. 8.

The organization, methods, and aims of German banking and its relation to the expansion of German commerce and industry.

DUNLOP, W. R. *Agricultural credit in the British West Indies*. Intern. Rev. Agri. Econ., Nov., 1916. Pp. 6.

Coöperative agricultural credit societies have been successfully established during the last twelve years in St. Vincent, Trinidad, St. Lucia, Jamaica, and British Guiana.

ECKARDT, H. M. P. *Canadian banking and commerce annual review*. Bankers Mag., Mar., 1917. Pp. 8.

FISHER, I. *Our yellow peril*. Moody's Mag., Mar., 1917. Pp. 2.

Parallelism between the amount of money in circulation and general prices in belligerent and neutral countries.

HARRIS, B. D. *Progress in the development of the use of trade acceptance*. Econ. Wld., Mar. 24, 1917. Pp. 4.

Progress already made in the trade acceptance campaign. The extent to which trade acceptances should be used; obstacles in the way of their wide adoption.

HOLDEN, E. H. *War finance in Great Britain, Germany and the United States*. Econ. Wld., Feb. 17, 1917. Pp. 3.

The various forms of government borrowings since the outbreak of war and the role of banks in war finance.

JAY, P. *The federal reserve collection system*. Trust Cos., Mar., 1917. Pp. 4.

A defense of the system, with suggestions to banks of new sources of profit.

NICHOLSON, J. S. *Inflation of the currency and the rise in prices*. Econ. Journ., Dec., 1916. Pp. 16.

The nature and causes of the present inflation in England.

PAYEN, E. *L'or en 1916: sa production, sa répartition dans le monde*. L'Econ. Franç., Mar. 3, 1917. Pp. 3.

PLENDER, W. *Winding up the enemy banks in London*. Journ. Inst. Bankers, Feb., 1917. Pp. 5.

ROTHFUSS, R. C. *Opinions of a banker in a great agricultural state on the federal farm loan act*. Econ. Wld., Mar. 10, 1917. Pp. 3.

An adverse criticism with special reference to the difference between our agricultural credit conditions and those of Europe, to the difficulties and dangers inherent in appraisal practices under the oper-

ation of the act, and to the question of inflation of farm land prices as touching the interests and prospects of tenant farmers.

SPALDING, W. F. *London joint stock banks vis-à-vis foreign branch banks.* Bankers' Mag. (London), Jan., 1917. Pp. 6.

Defends the English notion of limiting the field for banking operations to non-speculative enterprises. No obstacles should be placed in the way of the reopening of London branches after the war by banks in any of the now hostile countries.

THOMPSON, C. W. *Providing credit during production.* Intern. Rev. Agri. Econ., Nov., 1916. Pp. 3.

Charges on short-time bank loans to American farmers indicate need for improvement in facilities, including contact between the farmer and outside or distant sources of capital supply.

THRALLS, J. *Report of the first meeting of the committee of twenty-five.* Journ. Am. Bankers Assoc., Jan., 1917. Pp. 2.

A protest against the provisions of the Federal Reserve act relating to the collection of checks.

THRALLS, J. *Trade acceptances considered by credit men.* Journ. Am. Bankers Assoc., Apr., 1917. Pp. 2.

National Association of Credit Men strongly favorable to use of trade acceptance.

von ENGELKEN, F. J. H. *Seasonal demands for coinage peak-load pressure on the mint.* Journ. Am. Bankers Assoc., Mar., 1917. Pp. 3.

Bankers are urged to anticipate requirements by study of coinage charts.

WAGEL, S. R. *The position of country banks on the question of the use of acceptances.* Journ. Am. Bankers Assoc., Apr., 1917. Pp. 3.

WILLIS, H. P. *What the federal reserve system has done.* Am. Econ. Rev., June, 1917. Pp. 20.

WOLFF, H. W. *Agricultural banks.* Indian Journ. Econ., Sept., 1916. Pp. 6.

The reversal of the policy of the Agricultural Bank of Egypt of lending to small cultivators on the security of their land. Let the people of India, interested in the Egyptian institution as a model, rest content with their well tested coöperative banks.

*Brief filed in behalf of trust companies in Supreme Court of United States (complete text).* Trust Cos., Mar., 1917. Pp. 11.

Decision of United States Circuit Court of Appeals sustains the constitutionality of Section 3 of the Emergency Revenue law of 1914, relating to the taxation of trust companies; only, however, in so far as the trust company concerned conducts a banking business.

*Cost of circulating media and the misnomer of "par collections."* Journ. Am. Bankers Assoc., Feb., 1917. Pp. 3.

The scheme of par collection of checks through federal reserve banks merely shifts the cost of collection from the drawer or drawee to the banks on which the checks are drawn.

*Establishment of the first municipal bank.* Scottish Bankers Mag., Jan., 1917.

The initial success of the Birmingham Corporation Savings Bank leads to the belief that the movement, just inaugurated, will spread to other large English cities.

*How a new trust company gained 10,000 savings depositors during its first year.* Bankers Mag., Mar., 1917. Pp. 3.

The principal factors were printer's ink and a slogan of "four per cent from day of deposit."

*Les opérations de la Banque de France pendant l'année 1916.* L'Econ. Franç., Feb. 17, 1917. Pp. 3.

Report of the governor of the Bank of France to the stockholders, January 25, 1917. The work of the bank in connection with the requirements of an intensified economic activity at home, as a fiscal arm of the state, and in its relations to foreign exchange and foreign money markets, particularly New York.

*The progress of banking in Great Britain and Ireland during 1916.* Bankers' Mag. (London), Jan., 1917. Pp. 29.

A statistical study with recommendation of more frequent and detailed reports of condition.

*Sir Edward Holden on war finance.* Journ. Inst. Bankers, Mar., 1917. Pp. 5.

*Some facts as to the development and organization of Catholic rural banks in the district of Lodi.* Intern. Rev. Agri. Econ., Dec., 1916. Pp. 8.

*To make \$1 do the work of \$6.* Annalist, Mar. 19, 1917. Pp. 2.

Proposes that the Federal Reserve Bank of New York settle by bookkeeping entries the clearing house balances of all its member banks located within the metropolitan clearing area.

### Public Finance

(Abstracts by Charles P. Huse)

BARKER, D. A. *The Indian customs.* Indian Journ. Econ., Sept., 1916. Pp. 10.

Traces the development of the Indian customs from 1859 to the present.

CASTELLI, G. *Il centesimo di guerra e la sua pratica applicazione.* Riv. Intern., Nov., 1916. Pp. 10.

The problem of administering one form of war taxation in Italy.

DOCKERY, A. M. *Uncle Sam's billion-dollar business.* Annalist, Jan. 15, 1917. Pp. 2.

A description with statistical tables of the post-office business by the third assistant postmaster general.

FALCK, E. *L'impôt complémentaire sur le revenu. Les dernières modifications législatives.* Journ. des Econ., Feb., 1917. Pp. 8.

A discussion of recent changes in the French income tax.

FRASCHETTI, A. *La politica commerciale italiana e i suoi effetti sull'economia nazionale.* Giorn. d. Econ., Oct., 1916. Pp. 18.

This concluding essay of a series outlines needed tariff reforms for Italy.

HARG, R. M. *The unearned increment in Gary*. Pol. Sci. Quart., Jan., 1917. Pp. 15.

Presents the results of an original investigation of the growth of the unearned increment in Gary, Indiana.

HART, F. R. *Financial and credit status of allies*. Trust Cos., Feb., 1917.

Examines, from a banker's standpoint, the credit of the allies and finds it good.

HENRIQUES, C. O. *Danmarks finanzielle Forhold til Udlandet*. Nat. ök. Tids., Nov.-Dec., 1916. Pp. 27.

Discusses Denmark's financial relation to other countries. Since the war Denmark has succeeded in freeing herself from all foreign financial obligations.

HOLDEN, E. H. *War finance in Great Britain, Germany and the United States*. Econ. Wld., Mar. 3, 1917. Pp. 4.

Describes methods of raising German loans, the federal reserve system and American finance as affected by the war.

HUBERT-VALLEROUX. *Quelques idées étrangères en matière d'impôts*. Réf. Soc., Feb., 1917. Pp. 11.

A discussion of the incidence of the various French taxes upon large families.

JÈZE, G. *Les finances de guerre de l'Angleterre*. Rev. Sci. et Légis., Oct.-Nov.-Dec., 1916. Pp. 37.

Continues study of British war finance.

JÈZE, G. *Finances de guerre de l'Italie*. Rev. Sci. et Légis., Oct.-Nov.-Dec., 1916. Pp. 89.

Continues study of Italian war finances.

MASON, H. A. *The administration of public debts (with discussion)*. Pro. Nat. Assoc. Comptrollers & Account. Officers, 1915.

NORMAND, J. *Les recettes de l'octroi de Paris en 1916*. L'Econ. Franç., Feb. 3, 1917. Pp. 3.

Describes recent changes in the octroi collections at Paris.

RAFFALOVICH, A. *Russian financial policy*. Econ. Journ., Dec., 1916. Pp. 5. A brief outline of Russian financial policy since 1862.

RAWLES, W. A. *Pittsburgh committee on taxation study*. Am. Econ. Rev., June, 1917. Pp. 3.

REUSSWIG, F. G. *State supervision of municipal finances (with discussion)*. Pro. Nat. Assoc. Comptrollers & Account. Officers, 1915.

A description by the deputy comptroller of New York State, of the experience of New York in the supervision of municipal finance.

SCHELLE, G. *Sur les monopoles et industries d'Etat*. Journ. des Econ., Feb., 1917. Pp. 7.

Reasons for not resorting to state monopolies to provide post bel-lum revenues.

SCOTT, J. H. *Practical workings of a revenue system separating state from local taxation.* Pro. Nat. Assoc. Comptrollers & Account. Officers, 1915.

TURNER, J. R. *Some considerations on land taxation.* Quart. Journ. Econ., Feb., 1917. Pp. 7.

A criticism of certain arguments used in single tax discussions.

WEISS, W. F. *Dividends and the new income tax law.* Journ. Account., Nov., 1916. Pp. 10.

Points out that stock dividends are treated as income by the Treasury Department, though held to be capital by the courts.

*The elements of state budget making.* Munic. Research, Dec., 1916. Pp. 63.

Gives rules for budget making.

*The great crisis.* Bankers' Mag. (London), Feb., 1917. Pp. 13.

Gives the terms of the new British war loan.

*Les impôts nouveaux.* Monde Econ., Jan. 6, 1917. Pp. 7.

Gives text of recent changes in French revenue acts.

*L'impôt sur le revenu: nécessité d'une méthode fiscale qui ménage l'avenir.* L'Econ. Franc., Dec. 30, 1916. Pp. 3.

A discussion of the plans proposed for increasing the French revenues.

*A select bibliography on municipal budget-making.* Nat. Munic. Rev., Jan., 1917. Pp. 5.

Prepared by the bureau of municipal research, Harvard University.

*Some results and limitations of central financial control.* Munic. Research, Jan., 1917. Pp. 63.

A statistical study of the finances of New York City during the last decade, with special reference to progress in financial control.

#### Population and Migration

(Abstracts by W. B. Bailey)

GOMPERS, S. *Immigration legislation effected.* Am. Federationist, Mar., 1917.

A brief review of the immigration legislation of the past few decades in this country.

GRAY, A. C. E. *Child mortality.* Charity Organ. Rev., Jan., 1917. Pp. 10.

A proposal of certain measures intended to reduce child mortality.

PÉREZ, L. M. *La immigración Jamaiquina.* Ref. Soc. (Cuba), Oct., 1916.

Social, economic, and hygienic aspects of the increasing negro migration from Jamaica to Cuba.

SHAH, P. G. *The population problem in India.* Wealth of India, Nov., 1916. Pp. 5.

A somewhat critical review of a recent essay on the same subject, by P. K. Wattal, Assistant Accountant General of India.

TROTTER, S. *The fundamental nature of population.* Sci. Mo., Mar., 1917. Pp. 12.

An attempt to define the relation between the individual and society.

WORMS, R. *La disminución de la natalidad en Francia.* Ref. Soc. (Cuba), Nov., 1916. Pp. 7.

*Death rates and average age at death among members of certain trade-union benefit funds.* Mo. Rev. U. S. Bur. Lab. Stat., Jan., 1917. Pp. 8.

Results obtained from a study of workmen's insurance and benefit funds in the United States made by the Bureau of Labor.

*The disconcerting rise of the death rate in Japan.* Econ. Wld., Jan. 13, 1917.

Whereas in Great Britain, France, and Germany the death rate in the past forty years has decreased considerably, the death rate in Japan has increased from 17.8 in 1871-1875 to 19.9 in 1912.

*Maternal mortality in connection with childbirth.* Mo. Rev. U. S. Bur. Lab. Stat., Jan., 1917. Pp. 10.

A review of a report published by the local Government Board of Great Britain.

*The new measures favourable to colonization.* Intern. Rev. Agri. Econ., Nov., 1916. Pp. 5.

A brief study of the attempts made to improve conditions and increase production in the French colonies.

*The results of interior colonization in Finland.* Intern. Rev. Agri. Econ., Nov., 1916. Pp. 10.

A review of the results accomplished in the effort to increase the number of small settlers in Finland.

### Housing

(Abstracts by James Ford)

BENNETT, A. *How to restore stability to cottage building.* Garden Cities & Town Planning, Jan., 1917. Pp. 5.

BRAMNÄS, C. V. *Boligkommissionen af 1916.* Nat. ök. Tids., Nov.-Dec., 1916. Pp. 3.

A commission has investigated the housing problem in Denmark and recommends further regulation of renting and use of existing buildings and government aid in new construction.

FORD, J. *Housing conditions as factors in the production of disease.* Am. Journ. Pub. Health, Jan., 1917. Pp. 4.

Evidence of bacteriology and pathology as to the association with housing conditions.

GILBERT, C. D. *A group of concrete houses for steel mill employees.* Concrete, Jan., 1917. Pp. 6.

Houses of American Steel and Wire Company at Donora, Pennsylvania.

IHLDER, J. *The houses of Providence.* Survey, Nov., 1916. Pp. 2.

IHLDER, J. *Houses for wage-earners.* Survey, Feb. 24, 1917. Pp. 3.

Report of the housing competition of the National Americanization Committee. Illustrated.

MAY, C. C. *Indian Hill, an industrial village at Worcester, Mass.* Arch. Record, Jan., 1917. Pp. 14.

Development of 116 acre tract by the Norton Company.

SCHNEIDER, F. J. *Some shortcomings of socio-sanitary investigations.* Am. Journ. Pub. Health, Jan., 1917. Pp. 11.

Important criticism of statistical attempts (especially of Liverpool) to show effect of house on health.

STONE, S. H. *House infection and the spread of tuberculosis.* Journ. Outdoor Life, Feb., 1917. Pp. 5.

House infection is shown to be relatively infrequent.

*The Düsseldorf building ordinance.* Landscape Arch., Jan., 1917. Pp. 12.

From forthcoming book on *City Planning Law* by F. B. Williams.

*The housing question and the finance act, 1909-1910.* Finan. Rev. Rev., Dec., 1916. Pp. 8.

Urges repeal of part I of Finance act because a hindrance to development of property.

*Set-back lines as an aid to better and cheaper street layouts.* Am. City, Feb., 1917. Pp. 5.

Set-backs for residential districts as suggested by Robert H. Whitten. Illustrated.

*Special issue devoted to workingmen's and low-cost housing including the plans obtained in the immigrant housing competition of the National Americanization Course.* Arch. Rev., Jan., 1917. Pp. 48.

Papers by E. T. Hartmann, John Nolen, Mrs. J. von Wagner, M. Paris, R. L. Davidson, Charles Kayser, and others.

### Insurance and Pensions

(Abstracts by Henry J. Harris)

BELL, E. W. *Points of danger in insurance against loss of profits through fire (use and occupancy insurance).* Econ. Wld., Mar. 10, 1917. Pp. 4.

Dangers can be reduced by requiring that only firms in existence for five years be accepted, only firms of highest moral standards be accepted, that insurance be based on profits of last three years, that only retailers in large cities be accepted, and that policies be reviewed on renewal.

BEYER, D. S. *Experience rating vs. schedule rating in workmen's compensation insurance.* Econ. Wld., Feb. 10, 1917. Pp. 4.

Schedule contributes to equity between employers and affords inducement for preventing accidents. Experience rating is inequitable to employers, but as it is valuable as an incentive to accident prevention, some form of "accident frequency rating" is desirable.

BLANCHARD, R. H. *Insurance of the catastrophe hazard.* Ann. Am. Acad., Mar., 1917. Pp. 7.

Methods of insurance with instances from fire and workmen's compensation insurance.

BOIES, O. H. *Life insurance companies' investments of the decade 1904-1914 analyzed, classified, compared and shown in their relation to the general economic progress of the United States during the same period.* Econ. Wld., Jan. 27, 1917. Pp. 3.

Real estate mortgage loans have increased from 27.37 per cent to 34.46 per cent of assets; railroad bonds decreased from 30.16 to 26 per cent; policy loans increased from 7.54 to 14.94 per cent; state, county, and municipal bonds increased from 6.57 to 11.06 per cent.

BOSTON CHAMBER OF COMMERCE. *Report of the special committee on social insurance concerning non-contributory old age pensions and health insurance.* Current Affairs, Supplement, Feb. 6, 1917. Pp. 15.

Opposes the bills before the Massachusetts legislature providing non-contributory old-age pensions. Recommends appointment of a small commission to prepare plans for a "progressive method of sickness prevention" with the purpose of gradually introducing comprehensive system of health insurance, employer and insured, each paying half the cost.

BUCK, G. B. *Municipal pensions and pension funds.* Pro. Nat. Assoc. Comptrollers and Account. Officers, 1916. Pp. 6.

Dangers of establishing funds on an inadequate basis, as shown by New York City funds.

CLARK, L. D. *Permanent partial disabilities under the workmen's compensation acts.* Econ. Wld., Mar. 31, 1917. Pp. 4.

In the equitable compensating of the maimed worker, the statutory schedule has many advantages over the percentage system.

CROWELL, J. F. *Social insurance.* Mo. Bull. N. Y. Chamber of Commerce, Supplement, Feb., 1917. Pp. 92.

American experience in compulsory health insurance is limited, and European experience is of doubtful value for America. Alternatives for state health insurance are: state supervision of voluntary societies; group insurance; possibility of including occupational diseases in accident compensation insurance; coördination of various governmental health offices; investigation of condition of employees in lower wage groups with the purpose of improving their status.

DAWSON, M. M. *Mutualization of life insurance companies.* Ann. Am. Acad., Mar., 1917. Pp. 15.

History of the movement.

DAWSON, M. M. *Principles of health insurance.* Am. Labor Legis. Rev., Mar., 1917. Pp. 8.

Review of the history of health insurance, with explanation of actuarial features.

DAWSON, M. M. *Temporary and permanent disability reserves.* Pro. Casualty, Actuarial & Stat. Soc. of America, Oct. 27, 1916. Pp. 5.

Gives table with the factors used by the state insurance fund of Holland.

DOWNEY, E. H. *The public supervision of workmen's compensation insurance.* Ann. Am. Acad., Mar., 1917. Pp. 20.

Indicates necessary amendments in laws regulating reserves and rate making.

DOWNEY, E. H. *Some principles of compensation merit rating.* Pro. Casualty, Actuarial & Stat. Soc. of America, Oct. 27, 1916. Pp. 27.

Proposes to construct several industry-group schedules, each limited to tangible hazards, then to derive the premium value of these hazards from accident statistics and to apply these values to the grading of individual risks by means of score points.

DUBLIN, L. I. *Social bearings of workingmen's insurance.* Econ. Wld., Feb. 17, 1917. Pp. 4.

Using Germany as an example, the accident rate has been bettered, the sickness rate has nominally increased, but with it life expectancy has improved, tuberculosis rate has decreased. Principal objection to current proposals for health insurance is the failure to include existing agencies.

DWIGHT, E. *The rise and development of employment liability insurance.* Econ. Wld., Mar. 3, 1917. Pp. 3.

Review of change from liability to compensation system.

ELDRIDGE, G. D. *The purposes of valuation with relation to fraternal benefit societies.* Ins. News, Nov., 1916. Pp. 3.

The valuation of a fraternal organization is purely and simply a determination, based on the society's actual mortuary collections (rigidly excluding expense provision), of the sufficiency of the rates to meet future obligations, contracted to be paid.

FISHER, A. *Note on an application of Bayes' rule in the classification of hazards in experience rating.* Pro. Casualty, Actuarial & Stat. Soc. of America, Oct. 27, 1916. Pp. 6.

Use of the formula in testing representative data.

FISHER, I. *The need for health insurance.* Am. Labor Legis. Rev., Mar., 1917. Pp. 15.

Will aid greatly in reducing illness, lengthen life, reduce poverty, improve working power, raise wage level, and diminish industrial discontent.

FRANKEL, L. K. *Conservation of life by life insurance companies.* Ann. Am. Acad., Mar., 1917. Pp. 15.

One company shows a clearly defined reduction of the death rate from certain groups of diseases as well as a marked reduction in the general mortality during the period of activity on conservation lines. Coöperation between companies the next step.

GREENE, W. *Trade union sick funds and compulsory health insurance.* Am. Labor Legis. Rev., Mar., 1917. Pp. 5.

The cost of adequate health insurance is too heavy to be borne by the insured alone.

HAMILTON, G. *Trade unions and social insurance.* Am. Federationist, Feb., 1917. Pp. 4.

Compulsory health insurance is opposed by organized labor because it is of the nature of "aid," it makes distinctions of class and is unnecessary because by organized effort wages can be improved sufficiently to enable the unions to provide insurance.

HOFFMAN, F. L. *Some fallacies of the arguments for the introduction of social insurance into the United States.* Econ. Wld., Feb. 3, 1917. Pp. 2.

Compulsory health insurance in the United States is unnecessary because of the high level of wages, e.g., an increase of ten cents per day in wages would cover the annual loss to wage-earners from sickness; medical attendance is readily obtainable, the sanitary progress in Europe is due to causes other than insurance, the proposed distribution of the cost is inequitable, many voluntary agencies are providing a large measure of relief, and the proposal is a thinly disguised form of charity.

HUNTER, A. *Insurance on sub-standard lives.* Ann. Am. Acad., Mar., 1917. Pp. 16.

A study of the types, methods of estimating degree of risk and methods of charging for the extra risk.

HUYCK, E. N. *Establishment funds and universal health insurance.* Am. Labor Legis. Rev., Mar., 1917. Pp. 5.

Account of a successful fund.

JONES, J. P. *Workmen's compensation.* Univ. Arizona Bull., Jan. 16, 1917. Pp. 19.

Review of subject with special reference to the mining industry.

KEESON, W. D. *A foreign-controlled necessity.* Annalist, Feb. 19, 1917. P. 1.

American ship and cargo owners usually place the greater part of their insurance abroad, principally in London. Since the war, American companies have increased their business but even now they reinsurance about one third of their risks in foreign companies.

LAMBERT, A. *Medical organization under health insurance.* Am. Labor Legis. Rev., Mar., 1917. Pp. 14.

Outlines plan of administration of medical benefit in bill proposed by Association for Labor Legislation.

LASKER, B. *The British system of national unemployment insurance in its relation to other methods of dealing with unemployment.* Econ. Wld., Jan. 13-20, 1916.

Summary of study published by the United States Bureau of Labor Statistics.

LATHROP, J. C. *Public protection of maternity.* Am. Labor Legis. Rev., Mar., 1917. Pp. 9.

From causes connected with childbirth, there were 15,000 deaths of women in 1913; half of these were entirely preventable, the other half to a great extent. Medical care, sick wage, etc., by a maternity insurance system would reduce this death rate. Such a system is ex-

pensive, perhaps too much of a burden for employees and employers to carry. Suggests a special committee to secure data and devise plans.

LENTZ, J. J. *Fraternal societies under universal health insurance*. Am. Labor Legis. Rev., Mar., 1917. Pp. 5.

The fraternals should coöperate in the movement.

LINTON, M. A. *Life annuities*. Ann. Am. Acad., Mar., 1917. Pp. 18.

Advantages of annuities, kinds of annuities, methods of computation, etc.

LUNGER, J. B. *The problem of cash surrender values and cash loans*. Ann. Am. Acad., Mar., 1917. Pp. 8.

Cash values and loan values need to be brought down to the level that will not be an inducement to the forfeiture of the insurance.

MALLALIEU, W. E. *The enormous part played by carelessness in the fire loss of the United States*. Econ. Wld., Feb. 24, 1917. Pp. 3.

The strictly preventable causes are responsible for 21.4 and the partly preventable for 37.9 per cent of the fire loss.

MORTIMER, J. D. *Pensions and minimum wage laws*. Elec. Ry. Journ., Feb. 17, 1917. Pp. 5.

Present pension practice of some large employers, including terms, conditions, costs, contributions of employers, etc.

MOWBRAY, A. H. *Scheduled experience rating*. Pro. Casualty, Actuarial & Stat. Soc. of America, Oct. 27, 1916. Pp. 12.

Proposes the grouping of accidents experienced, by causes, and computing total pure premium from sectional computations.

MUDGEETT, B. D. *The exemption of life insurance funds from taxation*. Ann. Am. Acad., Mar., 1917. Pp. 18.

Present federal and state taxation is unscientific; English practice is sounder.

MUDGEETT, B. D. *Five years of progress in disability protection*. Ann. Am. Acad., Mar., 1917. Pp. 9.

In five years 26 companies have revised their clauses, practically all for the better; 47 new clauses have entered the field. Of the latter, 12 are from companies organized since January 1, 1912, and 8 from those organized prior to 1870.

NICHOLS, W. S. *Fraternal insurance in the United States: its origin, development, character and existing status*. Ann. Am. Acad., Mar., 1917. Pp. 14.

The societies are gradually being brought to the stage where an adequate level premium and reserve are maintained.

OSBURN, C. *National insurance and other matters*. Charity Organ. Rev., Jan., 1917. Pp. 6.

No report of the working of the British health insurance system has been published since that for 1913-1914. The parliamentary committee on accounts shows an increasing number of "grants."

RHODES, J. E. *Compensation administration and adjustments*. Ann. Am. Acad., Mar., 1917. Pp. 24.

RICE, E. E. *A coöperative insurance and pension system.* Elec. Ry. Journ., Feb. 17, 1917. Pp. 5.

Outline of plan for various forms of protection—sickness, accident, old age, death—to be used for employees of corporations.

RIEGEL, R. *Problems of fire insurance rate-making.* Ann. Am. Acad., Mar., 1917. Pp. 21.

Advantages of schedule rating as the solution of the problem.

RIEGEL, R. *Rate-making organizations in fire insurance.* Ann. Am. Acad., Mar., 1917. Pp. 27.

Legislation to enforce competition has been ineffective and must be replaced by coöperation.

ROCCA, G. *Particular forms of agricultural insurance in Switzerland.* Intern. Rev. Agri. Econ., Nov., 1916. Pp. 17.

Description of system and operations of Swiss funds for insurance against hail, floods, and accidents to agricultural laborers.

RUBINOW, I. M. *Health insurance through local mutual funds.* Am. Labor Legis. Rev., Mar., 1917. Pp. 9.

The local mutual carrier is economical, cares for the poor risks, is democratic, has advantages in providing medical aid, and directs attention to sanitation and public health.

RUGGLES, C. O. *The proposal of the Carnegie Foundation for Teachers' Insurance.* Journ. Pol. Econ., Mar., 1917. Pp. 8.

Provision should be made for making the disability clause effective from the beginning of the teacher's service, and the term insurance should be of a type which provides an increased amount while family responsibilities are heaviest.

RYAN, H. E. *Methods of insuring workmen's compensation.* Ann. Am. Acad., Mar., 1917.

Stock companies, mutual associations, state funds, self-insurance, and reciprocal or inter-insurance are in operation. The mutual association and the state fund probably the method of the future.

SCATTERGOOD, C. E. *The calculation of workmen's compensation premium rates.* Ann. Am. Acad., Mar., 1917. Pp. 8.

Discussion of the factors to be included.

SENIOR, L. S. *The practice of schedule and experience rating for workmen's compensation risks.* Ann. Am. Acad., Mar., 1917. Pp. 10.

Schedule rating has many clearly defined advantages; no plan of experience rating yet devised has produced rational results in its application.

TALBOT, W. L. *Income policies.* Ann. Am. Acad., Mar., 1917. Pp. 19.

Advantages of income policies.

TROUSDALE, R. B. *Group insurance.* Ann. Am. Acad., Mar., 1917. Pp. 17.

Methods, cost and advantages of the plan.

WENTWORTH, F. H. *American fire waste and its prevention.* Ann. Am. Acad., Mar., 1917. Pp. 7.

Suggests correctives which will reduce fire waste.

WOOD, A. B. *Experience of Canadian life insurance companies with war losses.* Econ. Wld., Mar. 10, 1917. Pp. 2.

The net loss under war claims of nine Canadian companies was 13.3 per cent of the expected claims. One large British company shows a similar figure of 13.9 per cent.

WOODWARD, A. P. *The disability insurance policy.* Ann. Am. Acad., Mar., 1917. Pp. 11.

Benefits provided by the policy, with suggestions for improvement. State supervision should be flexible enough to allow for changes in economic and social development.

*The federal law for workmen's compensation, the federal child labor law, the movement for a federal eight-hour law, the social insurance conference.* Catholic Charities Rev., Jan., 1917.

The compensation law for federal employees is the most liberal yet enacted in this country.

*Health insurance officially endorsed.* Am. Labor Legis. Rev., Mar., 1917.

Extracts from commission reports and governors' messages to legislatures of 1917.

#### Pauperism and Charities

(Abstracts by F. D. Watson)

ABBOTT, E. *Charles Booth, 1840-1916.* Journ. Pol. Econ., Feb., 1917.

An appreciative sketch of the life of the author of that monumental work, *Life and Labour of the People in London.*

BRIGGS, G. *A study of twenty-five repeaters at the associated charities, Portland, Oregon.* Journ. Delinquency, Sept., 1916.

The data of this study are presented, not with a view to their serving as conclusive proof of anything, since the number of cases studied is too small. They show that with larger numbers, it might be proven statistically that a considerable proportion of this class of people are probably mentally defective, and hence cannot be held responsible for normal social conduct or for self-support.

CHRYSOSTOM, S. J. *Sermon on alms; delivered at Antioch after passing through the market-place in the winter-time and seeing the paupers and beggars lying there neglected.* Studies in Social Work, No. 10, The New York School of Philanthropy, Feb., 1917. Pp. 24.

A translation by Margaret M. Sherwood from the parallel Greek and Latin text of the Abbé Migne, in volume 51 (p. 260-271) of his *Patrologiae Cursus Completus, Series Graeca.*

SIMKHOVITCH, M. K. *The city's care of the needy.* Nat. Munic. Rev., Mar., 1917.

A program for a municipal department of charities or as the author would prefer to call it, "a department for the prevention and care of destitution." Its first duty would be to know the extent of poverty in the city; its second, to establish a bureau of prevention which would include a study and furtherance of social insurance, the removal of

unemployment, and the publishing of an industrial report including a public statement of wages paid in the industries of the community; its third, the reduction as far as possible of its institutional care of dependent children and the dependent aged.

VIVÈS, J.-L. *Concerning the relief of the poor or concerning human need; a letter addressed to the Senate of Bruges, Jan. 6, 1526.* Studies in Social Work, No. 11, The New York School of Philanthropy, Feb., 1917. Pp. 47.

A translation by Margaret M. Sherwood from the original Latin, as found in volume IV, pages 420-494 of the complete works of Vivès, edited by Gregory Majan, and printed at Valencia in the year 1783.

*Report on the distribution of alms in Stepney.* Charity Organ. Rev., Mar., 1917.

A report of a committee appointed October, 1915, to inquire into the method of distribution of alms in the rural deanery of Stepney, based on replies to questions sent to clergy of the deanery. Care of the sick and needy should be part of the work of a parish church and its officers, lay and ordained. It recommends standardizing the work so as to make it of professional grade.

### Statistics

(Abstracts by A. A. Young)

CASE, M. E. *Highway accidents in New York City during 1915.* Quart. Pubs. Am. Stat. Assoc., Sept., 1916. Pp. 6.

CATTELL, J. MCK. *Families of American men of science.* Sci. Mo., Mar., 1917. Pp. 15.

Marriages and number of children. Interesting results, not very well organized.

CHAPIN, F. C. *The experimental method and sociology.* Sci. Mo., Mar., 1917. Pp. 10.

"The statistical method bears to scientific method in sociology much the same relation that the experimental method bears to precise methods in physical science."

DRAGE, G. *The reorganization of official statistics and a central statistical office.* Journ. Royal Stat. Soc., Jan., 1917. Pp. 35.

On statistical reorganization after the war. Need of coördination of official statistics, of a central statistical office, and of an adequate statistical year book. With discussion by A. L. Bowley, J. C. Stamp, H. V. Reade, S. G. Warner, J. Baker, and B. Mallet.

DUBLIN, L. I. *The increasing mortality after age 45.* Quart. Pubs. Am. Stat. Assoc., Mar., 1917. Pp. 13.

A noteworthy contribution on an important problem. "The changing constitution of our race stock is responsible for the slight increase in mortality that has occurred."

DUBLIN, L. I. *The present status of birth registration in American cities and its relation to the infantile mortality rate.* Quart. Pubs. Am. Stat. Assoc., Mar., 1917. Pp. 15.

EDGEWORTH, F. Y. *On the mathematical representation of statistical data.* III. Journ. Royal Stat. Soc., Jan., 1917. Pp. 30.

This instalment deals with the relation between Edgeworth's generalized law of error and his method of translation. The conclusion is that in the neighborhood of the normal type the two methods are equally advantageous, but that at a farther remove from the normal type the method of translation is preferable.

FISKE, C. N. *Forty-five years of U. S. naval morbidity statistics of degenerative disorders.* Quart. Pubs. Am. Stat. Assoc., Dec., 1916. Pp. 7.

A short but weighty paper by a U. S. Navy Surgeon. The records show that the degenerative diseases of mature age (the scleroses, cancer, etc.) in the U. S. Navy and Marine Corps have decreased.

FORSYTH, C. H. *Interpolation of ordinates and areas among areas.* Quart. Pubs. Am. Stat. Assoc., Dec., 1916. Pp. 8.

An account of some simple methods of interpolation by means of finite differences.

GAHN, H. *Förmögenhets—och inkomst förhaallandena i rikets olika delar enligt 1913 aars taxering.* Ek. Tids., No. 2, 1916. Pp. 31.

A careful analysis of the relation of property to income in the different parts of Sweden according to the statistics of 1913.

GEHLKE, C. E. *On the correlation between the vote for suffrage and the vote on the liquor question.* Quart. Pubs. Am. Stat. Assoc., Mar., 1917. Pp. 9.

High correlation found between votes for suffrage and for prohibition in Cleveland.

GILLETTE, J. M. *A study in social dynamics: a statistical determination of the rate of natural increase, and of the factors accounting for the increase of population in the United States.* Quart. Pubs. Am. Stat. Assoc., Dec., 1916. Pp. 36.

A praiseworthy and painstaking attempt to estimate the rate of natural increase of the population of the United States for the decade 1900-1910, together with special inquiries into rural increase, rural migration, and interdivisional migration. Involves, of necessity, the use of some exceedingly questionable estimates.

KENNELLY, A. E. (and others). *The adoption of the metric system in the United States.* Sci. Mo., Mar., 1917. Pp. 28.

KOHS, S. C. *The intelligence quotient and borderliney.* Journ. Delinquency, Jan., 1917. Pp. 9.

From a statistical study of 375 cases it is concluded that the intelligent quotient (ratio of actual age to "mental age") is of much significance, but will not definitely set a dividing line between normality and feeble-mindedness.

KOPP, E. W. *Florence Nightingale as statistician.* Quart. Pubs. Am. Stat. Assoc., Dec., 1916. Pp. 17.

An account of an enormous amount of pioneer work in the field of sanitary statistics. Assigns Miss Nightingale "a position in the history of social statistics next to those occupied by Quetelet and Farr."

KING, W. I. *Desirable additions to statistical data on wealth and income.* Quart. Pubs. Am. Stat. Assoc., Mar., 1917. Pp. 17.

Proposes a census of incomes and a centralization of work now being done by various federal and state bureaus.

KREHBIEL, E. *Geographic influences in British elections.* Geog. Rev., Dec., 1916. Pp. 14.

A study of the distribution of votes in the eight general parliamentary elections since 1885. With excellent colored map and key-chart.

LE ROY, J. *Desarrollo de estadística demográfica en la Isla de Cuba.* Ref. Soc. (Cuba), Sept.-Oct.-Nov., 1916. Pp. 14, 26, 17.

The development of statistical agencies and methods in Cuba.

LIVA, L. *Osservazioni critiche sulla interpolazione di serie statistiche in demografia.* Riv. Intern., Oct., 1916. Pp. 13.

MALLET, B. *The organization of registration in its bearing on vital statistics.* Journ. Royal Stat. Soc., Jan., 1917. Pp. 30.

Presidential address before the Royal Statistical Society, by the Registrar-General. The registration record should be "a more complete documentary identification of the individual," and should "point directly to the previous step in the family history." The public health service should be utilized in the work of registration and the existing administrative divisions should supplant the old Poor-Law areas. A quinquennial census is advocated.

MARCH, L. *Le mouvement des prix de gros depuis 1914, avec rappel du mouvement général des prix depuis 125 ans.* Bull. Stat. Gén., Oct., 1916. Pp. 22.

Unweighed arithmetic means of relative prices, with prices for 1901-1910 used as base. The recent rise of prices has been greater in France than in England, but reached an apparent maximum in April, 1916. Various index numbers are pieced together to show the general movement of prices in France, England, and the United States during the nineteenth century.

M. H. *Coût de la vie.* Bull. Stat. Gén., July, 1916. Pp. 4.

Increase of cost of living in Switzerland, from June, 1914, to June, 1916, was about 40 per cent. In the October number of the same journal there is an account of a recent Austrian inquiry.

M. H. *Tables de mortalité (Norvège), 1901-02 to 1910-11.* Bull. Stat. Gén., July, 1916. Pp. 2.

Review of new Norwegian life tables contracted by Rygg.

OGBURN, W. F., and KELLY, E. *Wages in American cities.* Quart. Pubs. Am. Stat. Assoc., Sept., 1916. Pp. 5.

Other tests confirm the substantial accuracy of 37 cities with respect to the average union wages paid in 10 trades.

ROTH, H. L. *The application of statistics to advertising and marketing.* Quart. Pubs. Am. Stat. Assoc., Dec., 1916. Pp. 30.

The use of statistics in planning advertising campaigns and checking their results.

SAVORGNAN, F. *L'ammontare e la composizione della ricchezza in Italia e nelle sue regioni.* Riv. Ital. di Soc., May-Aug., 1916. Pp. 17.

Chiefly an analysis of a recent book by Gini.

STONE, N. I. *Need of standardization of methods for measuring regularity of employment.* Quart. Pubs. Am. Stat. Assoc., Sept., 1916. Pp. 6.

A tabulation by the writer of fluctuations of employment and wages (Bulletin 146 of the United States Bureau of Labor Statistics) gave misleading results, because conditions in each week were represented by a per cent of conditions in the busiest week of the year for the industry as a whole instead of for individual shops.

WATKINS, G. P. and LUBARSKY, L. H. *Consumption of gas as affected by population.* Quart. Pubs. Am. Stat. Assoc., Dec., 1916. Pp. 12.

An able study, utilizing statistics of gas consumption in Manhattan Borough in successive years and in various localities in Massachusetts in 1910. Consumption varies, of course, inversely with price, and price varies inversely with population, but it seems probable also that "mere aggregation of population does tend to increase gas consumption somewhat."

WESTERGAARD, H. *Scope and method of statistics.* Quart. Pubs. Am. Stat. Assoc., Sept., 1915. Pp. 44.

An important paper. Comprises a masterly summary of the history of statistics, a plea for the larger use of "representative statistics" (samples), a discussion of the margin of error and of the validity of conclusions drawn from imperfect statistics, considerations respecting the use of the law of error (in its binomial form), an insistence upon the necessity of resolving statistics into homogeneous groups before drawing inferences from them, an exposition of the utility of certain simple mathematical methods, and an expression of skepticism with reference to the utility of highly-elaborated mathematical methods. With introduction by W. F. Willcox, and comment by W. M. Persons, J. H. Parmelee, C. J. West, and G. P. Watkins.

YOUNG, A. A. *Do the statistics of the concentration of wealth in the United States mean what they are commonly assumed to mean?* Quart. Pubs. Am. Stat. Assoc., Mar., 1917. Pp. 14.

No single measure of "concentration" is adequate. The "skewness" of income distribution is more significant. Annual accruals of appreciation should be counted in income statistics. Probate records do not reflect the distribution of wealth among the living population.

*Enquête sur les prix de vente au détail de certaines denrées dans les villes françaises de plus de 10,000 inhabitants.* Bull. Stat. Gén., July, 1916. Pp. 20.

Results of questionnaires sent to the officials of French cities. An average for eleven principal articles of consumption (weighted according to importance in workingmen's budgets) shows a rise of about 40 per cent between October 1, 1914, and July 1, 1916.

*Mouvement économique général.* Bull. Stat. Gén., July, Oct., 1916.

Attention again called to this very convenient summary of current economic and financial statistics for European countries.